

ABSTRACT

A flat lamp including at least two glass substrates kept mutually parallel and defined in an internal gas-filled space, including two electrodes associated with the glass substrates and away from the internal space, in which the internal face of at least one substrate turned toward the internal space is coated with a phosphor material. At least one of the electrodes is covered with at least one preferably transparent electrical insulation that may be formed by at least one of the glass substrates or be associated with at least one of the glass substrates.